

MATERIAL SAFETY DATA SHEET

ALCOHOL 70% CLEAR OR TINTED PURPLE, ALCOHOL 70% STERILE SPRAY PACK

Statement of Hazardous Nature: Not classified hazardous according to criteria of Worksafe Australia.

| IDENTIFICATION | | |
|---------------------------|---|------------|
| Product Name: | ALCOHOL 70% CLEAR OR TINTED PURPLE, ALCOHOL 70% STERILE SPRAY PACK | |
| Manufacturers Code: | ALC01470F, ALC01471F, ALC01602F, ALC01654F, ALC1583F | |
| UN Number: | 1170 | |
| Dangerous Goods Class: | 3 | |
| Packaging Group: | II | |
| Subsidiary Risk: | Nil | |
| Hazchem Code: | 2[Y]E | |
| Poisons Schedule: | Nil | |
| USES | For cleaning and disinfecting equipment, thermometers and ampoules prior to use. | |
| PHYSICAL PROPERTIES | | |
| Description: | Thin, colourless or purple coloured, water miscible, mobile liquid with odour of ethanol and burning taste. | |
| Boiling Point: | 78°C | |
| Vapour Pressure: | <58.1mbar:20°C | |
| Specific Gravity: | 0.89 | |
| Flashpoint: | 21°C (closed cup) | |
| Percent Volatiles: | 70% v/v | |
| INGREDIENTS | | |
| Chemical Entity | CAS No: | Proportion |
| Ethanol (alcohol) | 64-17-5 | 70% |
| HEALTH HAZARD INFORMATION | | |
| HEALTH EFFECTS | No hazard associated with normal use. | |
| INGESTION | Ingestion can lead to dizziness, headache and central nervous depression. | |
| EYES | Irritant to the eyes. May cause injury or redness. | |
| SKIN | Repeated or prolonged skin contact may cause irritation, redness or | |

| | |
|------------------|---|
| | dermatitis. |
| INHALATION | Chronic exposure to the vapour may result in dizziness. |
| FIRST AID | If poisoning occurs contact a doctor or Poisons Information Centre. |
| INGESTION | Give plenty of water to drink. Contact a doctor or Poisons Information Centre. |
| EYES | Irrigate with copious quantities of water for at least 15 minutes (hold eyes open). Seek medical attention. |
| SKIN | Wash with water. If irritation occurs seek medical advice. |
| INHALATION | Remove patient to fresh air and seek medical advice if necessary. If breathing should stop, apply artificial respiration immediately. |
| ADVICE TO DOCTOR | Treat symptomatically. If respiration is depressed, assisted respiration may be necessary. |

PRECAUTIONS FOR USE

| | |
|---------------------|--|
| EXPOSURE STANDARDS | There are no known exposure limits for Alcohol 70% but the following Threshold Limit Values (TLV) for Ethanol 100% should be used: Ethanol TLV 1000ppm 1900mg/m ³ |
| VENTILATION | No respiratory protection is necessary under normal circumstances. Maintain concentration below recommended exposure limit and use adequate ventilation at all times. |
| PERSONAL PROTECTION | Avoid eye contact. If spillage or splashing are likely to occur during handling, wear safety spectacles. Approved barrier creams may prove useful in preventing dermatitis when prolonged skin contact is unavoidable. |
| FLAMMABILITY | Highly flammable liquid. Avoid all ignition sources. |

SAFE HANDLING INFORMATION

| | |
|-------------------------|---|
| STORAGE AND TRANSPORT | UN number 1170. Classified 3 PG II (Highly Flammable Liquid). Dangerous substance for the purpose of transport. Refer to appropriate State Regulations for storage and transport requirements. Should not be stored or transported with flammable gases, explosives, spontaneously combustible substances, oxidising agents or foodstuffs. Store away from sources of heat or ignition. Store in a well ventilated area and keep containers closed which are not in use to avoid evaporation. |
| SPILLS AND DISPOSAL | Eliminate all possible sources of ignition. Ventilate area well. Contain using sand or earth and use an absorbent (sand, sawdust, vermiculite) where appropriate. Collect and seal in properly labelled containers for disposal. Wash area down with excess water. Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods. Empty containers should be decontaminated by rinsing with water prior to disposal. |
| FIRE / EXPLOSION HAZARD | 2[Y]E. Highly Flammable Liquid 3 PG II. On burning may emit toxic |

fumes including carbon monoxide and carbon dioxide. Remove containers from path of fire. Heating can cause expansion and rupture of containers. Keep containers cool with water spray. Fire fighters should wear self-contained breathing apparatus if exposure to vapour or combustion products is likely. Vapour is heavier than air and may travel along the ground. Distant ignition is possible.

EXTINGUISHING MEDIA

Water fog, carbon dioxide, dry chemical powder, or alcohol stable foam.

CONTACT POINT

Drug Information Pharmacist

Orion Laboratories Pty Ltd



Support@orion.net.au

Telephone (all hours): +61 8 9472 3844

Toll free: 1800 805 546 (Australia)

Fax: +61 8 9470 3360

DISCLAIMER

All reasonable care has been taken to ensure information and advice contained in this data sheet is accurate at time of printing. However, Orion accepts no liability for any loss or damages suffered as a consequence of reliance on the information contained herein.

REFERENCES

1. *List of Designated Hazardous Substances [HOHSC:10005(1994)]* Worksafe Australia.
2. *Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1994)]* Worksafe Australia.
3. *Australian Dangerous Goods Code, 6th edition.*
4. *AS 1678.8C8 1987* Standards Association of Australia.
5. *MSDS Ethanol February 1986* CSR

Checked by: Paul Rowney

Date: 12 March 1998

Approved by: Robert Kimpton

Date: 12 March 1998

ALC70_4_MSDS March 1998 (Supersedes ALC70_3_MSDS August 1997)

ORION LABORATORIES PTY LTD 85 Briggs Street Welshpool W.A. 6106